

Notice of Allowability

Application No.

09/881,024

Examiner

Mark P. Francis

Applicant(s)

BHASKARAN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/28/07.
2. ☒ The allowed claim(s) is/are 1 and 3-5 now renumbered as claims 1-4.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The claims have been amended as following:

Listing of claims

1. (Currently Amended) A computer implemented system analysis and design method for use in a complex business environment by a set of linked business processes, comprising steps of:

providing an (eXtensible Markup Language) XML-based BDML (Business Decision Markup Language) framework representing a world view of each of a plurality of business decisions associated with business processes from among the set of linked business processes, the BDML world view including a business objective tag definition for quantitatively representing a business objective, constraints tag definition, assumptions tag definition, data tag definition, and an underlying model tag definition for identifying a business decision mathematical algorithm;

capturing in the BDML framework a world view of a plurality of business decisions that occur in the set of linked business processes, wherein the capturing includes specifying and documenting each of the plurality of business decisions as a

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BDML portable document structured according to said XML-based BDML framework, having a business objectives tag quantitatively representing the decision's business objective, constraints tag representing the decision's constraints, assumptions tag representing the decision's assumptions, data tag representing data related to the decision, and an underlying model tag identifying the business decision mathematical algorithm applied in the decision;

checking for logical consistency between different business decision based on the decision's respective BDML portable documents and their respective said tags.

2. (Canceled).

3. (Previously Presented) The method of claim 1, further comprising: constructing a BDML knowledge base of business decisions and processes within an organization, based on the BDML documents representing said business decisions.

4. (Currently Amended) The method of claim 1, further comprising:

generating a BDML document representing, according to said BDML framework, a functional specification of a business application software system; and generating a BDML document representing, according to said BDML framework, a world view of a technical research paper in the area of business decisions and its findings.

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5. (Currently Amended) The method of claim 1, further comprising providing a BDML processor, wherein said documenting includes forming the BDML documents representing said world view of said business decision to be machine readable by the BDML processor and by human users.

6. (Canceled).

7. (Canceled)

2. Authorization for this examiner's amendment was given by Mr. Laurence E. Stein, Reg. 35,371 on September 11, 2007.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark P. Francis whose telephone number is (571)272-7956. The examiner can normally be reached on Mon-Fri 8:00-4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T. An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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